BRUHAT BANGALORE MAHANAGARA PALIKE

Item No. 10

APPROVED SCHEDULE - B

Tender Notification No: BBMP/EE/Btp/Ten/01/2012-13 Dated: 13-04-2012

Name of Work: Construction 1st Floor Jimnishiam and Library Building in Existing Community Centre at Singapura in Ward No. 11, Vidyaranyapura Sub Division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of S.M.VARADARAJAPPA	
				In Figures	In Words
1	12.87	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T & P and scaffolding wherever necessary, sorting the dismantled materials, disposal of unserviceable material and stacking the serviceable material with all lifts and lead and lead of 10000 meters etc complete as per specifications and directions of engineer in charge of the work.	Cum	275.81	Rupees Two Hundred Seventy Five and Eighty One Paise Only
2	75.12	Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with **20mm (M20)** and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for ground floor level for roof slabs, starecase, lintel, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, coping, bed struts, buttersses, string or lacing courses, parapets, coping, bed blocks, plain window cils, fillets etc., including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work.	Cum	5403.95	Rupees Five Thousand Four Hundred Three and Ninety Five Paise Only
3	17.28	Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 12 mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work.	Sqm	419.95	Rupees Four Hundred Nineteen and Ninety Five Paise Only
4	303.08	Providing and construction precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S??:2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per etc complete as per specifications and directions of engineer in charge of the work.	Sqm	658.39	Rupees Six Hundred Fifty Eight and Thirty Nine Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of S.M.VARADARAJAPPA	
				In Figures	In Words
5	78.91	Providing T.M.T Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required , tying with binding wire and anchoring to the adjoining memebers wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.etc complete as per specifications and directions of engineer in charge of the work.	Qntl	6012.29	Rupees Six Thousand Twelve and Twenty Nine Paise Only
6	210.56	Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.	Sqm	189.96	Rupees One Hundred Eighty Nine and Ninety Six Paise Only
7	344.39	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.etc complete as per specifications and directions of engineer in charge of the work.	Sqm	126.70	Rupees One Hundred Twenty Six and Seventy Paise Only
8	207.36	Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per etc complete as per specifications and directions of engineer in charge of the work.	Sqm	146.13	Rupees One Hundred Forty Six and Thirteen Paise Only
9	551.75	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. etc complete as per specifications and directions of engineer in charge of the work.	Sqm	17.79	Rupees Seventeen and Seventy Nine Paise Only
10	343.52	Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, " Providing and removing scaffolding, including cost of materials, labour, curing complete as per etc complete as per specifications and directions of engineer in charge of the work.	Sqm	137.86	Rupees One Hundred Thirty Seven and Eighty Six Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of S.M.VARADARAJAPPA	
				In Figures	In Words
11	275.96	Flooring with 25mm to 40mm thick polished **shahabad slabs** using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing etc complete as per specifications and directions of engineer in charge of the work.	Sqm	913.52	Rupees Nine Hundred Thirteen and Fifty Two Paise Only
12	246.81	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	244.67	Rupees Two Hundred Forty Four and Sixty Seven Paise Only
13	117.60	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	177.94	Rupees One Hundred Seventy Seven and Ninety Four Paise Only
14	93.60	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour etc complete as per specifications and directions of engineer in	Sqm	642.82	Rupees Six Hundred Forty Two and Eighty Two Paise Only
15	6.30	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & operations complete Including pulling hooks, 4nos handles wit hall fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work.	Sqm	2979.46	Rupees Two Thousand Nine Hundred Seventy Nine and Forty Six Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of S.M.VARADARAJAPPA	
				In Figures	In Words
16		Supplying and fixing pressed steel window frame of size 100 x 50mm manufactured from 1.25 mm thick carbon steel or imported steel strips with neat mitred joints at 900 degree for window openings ans shall be suitabe to fix M.S.grills as per design and drawings using 12mm dia rods at 100mm centre to centre Horizontally and two members if M.S flats of 6mmx40mm size at 150mm apart welded into a frame of 6mmx40mm size M.S. flats with 16mm size lugs and 8 Nos of 100 mm size hings 4 Nos of Butt stay pins and 4 Nos Tower bolts and shutters half panelled and halg glazed with shultters amde out of seasoned honne wood styles of 30mm thick and 100mm width and rails of 30mm thik and 100mm width and using 4mm thick pin headed glass and panel with 12mm thick with 12mm thick particle board of exterior grade bonded with phenol formaldehyde resin and the shutter shall be rot proof vermin proff,			
	36.00	heat resistant guaranteed aganist shrinkage, warpage and such other defects for periof of 3 years this shall be as per approved drawing specification and direction including cost of converyance, amnufacturing painting with 2 coats enamel paint over one coat of primer cost oflavour for all items of work machinery equipement and all other incidental chargesetc complete as per specifications and directions of engineer in charge of the work.	Sqm	3725.71	Rupees Three Thousand Seven Hundred Twenty Five and Seventy One Paise Only
17	551.75	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foregin matter including preparing the surface even and sand paper smooth, cost of materials, labours, complete as per specificationsetc complete as per specifications and directions of engineer in charge of the work.	Sqm	54.50	Rupees Fifty Four and Fifty Paise Only
18	344.39	Providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specification setc complete as per specifications and directions of engineer in charge of the work.	Cum	66.73	Rupees Sixty Six and Seventy Three Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of S.M.VARADARAJAPPA	
				In Figures	In Words
19	30.00	Providing and fixing in wall surface 2.5 kg/sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work.	m	441.90	Rupees Four Hundred Forty One and Ninety Paise Only
20		Point wiring using copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using **Copper** PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP Control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each outlet.			
		II Point wiring using class B Materials			
		a) Short point upto 3Mtr from tapping point			
	10.00	to out let via switch	Each	146.89	Rupees One Hundred Forty Six and Eighty Nine Paise Only
		b) Medium point above 3Mtr upto 6Mtr from			
	8.00	Tapping point to out let via switch	Each	147.94	Rupees One Hundred Forty Seven and Ninety Four Paise Only
	15.00	c) Long point above 6Mtr upto 10Mtr from	Each	340.99	Rupees Three Hundred Forty and Ninety Nine Paise Only
	10.00	Tapping point to out let via switch	Each	340.99	Rupees Three Hundred Forty and Ninety Nine Paise Only
21		Point wiring using copper wire without switch: Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using **Copper** PVC insulated multi strand 2x1.5sqmm copper wire **without switch,** the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each outlet.	Each		
		II Point wiring using class B Materials			
	4.00	c) Long point above 6Mtr upto 10Mtr from		115.41	Rupees One Hundred Fifteen and Forty One Paise Only
		Tapping point to out let via switch box			
22		Supply and fixing of backlite D.P/Socket/switch with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches.	Each		
		II Using Group 'B' Material.			
	5000.00	a) 32Amps Flush/project type DP switch		0.21	and Twenty One Paise Only
23	2.00	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws.	SqCm	2675.46	Rupees Two Thousand Six Hundred Seventy Five and Forty Six Paise Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of S.M.VARADARAJAPPA	
				In Figures	In Words
24	10.00	Supplying of 1440 rpm heavy duty exhaust fan with bracket blades suitable for operate on 230 V 50 Hz, AC Supply complete. 1 12" Sweep (300 mm) a) Group 'A'	Each	335.74	Rupees Three Hundred Thirty Five and Seventy Four Paise Only
25		Supply patty type fluorescent tube light fitting of **4'-36/40** watts fluorescent tube fitting, made out of M.S sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking type brass contact holders mounted on double fold type sheet base fully wired for use on230 Volts A C Supply including 1No 4'-36/40 Watts fluorescent tube.	Each		
	5.00	a) Group 'B'		2045.94	Rupees Two Thousand Forty Five and Ninety Four Paise Only
26	5.00	Supplying capacitor type ceiling fan complete with dawn rod blades, shackle, canopies etc., for operation on 230 Volts, 50 Cycles, Single Phase AC Supply conforming to ISS-374-1979 and with double ball bearing system.II 56" Sweep (1400mm) a) Regular model (Khaitan, Crompton Greaves, Orient, Polar, Bajaj, Usha, Havells, Almonard)	Each	629.52	Rupees Six Hundred Twenty Nine and Fifty Two Paise Only
27		Supplying and fixing of modular switch/Scocket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate.e) 600 Watts Dimmer	Each		
28		Supplying and flush mounting teak wooden box without front plank made of not less than 12 mm thick wood, after due groove cutting necessary masony patch work complete. (ch-01) (P.03) (S.I No -06)			
	4.00	a) 12x"12x"3" (300x300x76mm)	Each	94.43	Rupees Ninety Four and Forty Three Paise Only
	8.00	b) 10"x7"3"(254x178"x76mm)	Each	62.95	Rupees Sixty Two and Ninety Five Paise Only
29	1.00	Supplying, fixing wiring earth electrode for gounding conduits, I.C.Cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI 2.5 mtr long buried in a pit... the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia.	Each	1573.80	Rupees One Thousand Five Hundred Seventy Three and Eighty Paise Only
30	1.00	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete.THREE POLE A) 100 Amps 25 kA,	Each	4091.88	Rupees Four Thousand Ninety One and Eighty Eight Paise Only

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of S.M.VARADARAJAPPA	
				In Figures	In Words
31	1.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete.a) 16 Amps	Each	52.46	Rupees Fifty Two and Forty Six Paise Only
32	8.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required. A) 5-32 Amps SP 1) Group 'A'	Each	209.84	Rupees Two Hundred Nine and Eighty Four Paise Only
33	50.00	Supplying and fixing of PVC casing and capping on the wall or celiling using necessary materials like bends, screws at an interval of 300mm... etc as required b) 25mm	Mtr	40.92	Rupees Forty and Ninety Two Paise Only
34	8.00	Supplying and fixing of modular switch/Scocket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate. g) 16 Amps one way switch	Each	136.40	Rupees One Hundred Thirty Six and Forty Paise Only
	8.00	j) 6/16 Amps Universal socket	Each	199.35	Rupees One Hundred Ninety Nine and Thirty Five Paise Only
35	12.00	Supplying and surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates. The box should be firmly/surface/flush mounted after due groove cutting in Brick/C.C wall, fixing including necessary rawl plugs, Machine/ NF screwes etc., complete a) 1-3Way	Each	68.20	Rupees Sixty Eight and Twenty Paise Only

S.M. Varadarajappa

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore-92